| | laims | |
|------|-----------|--|
| | | |

| Application No. | Applicant(s) |
|--------------------|-----------------------|
| 10/028,170 | KAUTTO-KOIVULA ET AL. |
| Examiner | Art Unit |
| Cao (Kevin) Nguyen | 2173 |

| / | Rejected | _ | (Through numeral) Cancelled |
|---|----------|---|--------------------------------|
| = | Allowed | ÷ | Restricted |

| N | Non-Elected | A | Appeal |
|---|--------------|---|----------|
| _ | Interference | 0 | Objected |

| Cla | Claim Date | | | | | Cla | aim | Date | | | | | | Claim | | Date | | | | | | | | | | |
|--|------------|---|----------------|--------|--|--|------|---------------|----------|--|-----------------|----------|--------|---------------|---|-------|----------|----------|--|----------|--------|-----------------|----------------|---------------|----------|----------|
| | - | | | | | | | | _ | _ | | | | | | | | - | | | | | | П | | |
| Final | Original | 7/12/04 | | | | | | <u> </u> | Original | 7/12/04 | | | | - 1 | | | <u> </u> | Original | | | 1 | Ιi | | | | |
| 這 | l E | 2 | | | | 1 1 | | Final | ij | 712 | { | | | ı | | | Final | <u>F</u> | | | | | | | | |
| | 0 | '~ | | | | | | | 0 | ' | | | | | | | | 0 | | | | | | | | |
| | 1 | V | 1-1- | | | | | | 51 | 1 | | | | \neg | | | | 101 | \Box | | 1 | | | \neg | 7 | \neg |
| | 2 | 1 | | | | | | | 52 | П | | | | | | | | 102 | | \top | 1 | | | \neg | 寸 | ╗ |
| | 3 | Π | | | _ | 1-1- | | $\overline{}$ | 53 | 17 | | _ | | \top | | 1 | | 103 | \Box | \top | ╈ | П | | \neg | \dashv | \dashv |
| | 4 | | 1 | 1 | | | 1 | | 54 | H | | _ | 1 | _ | 1-1- | | | 104 | | \dashv | 1 | П | | \neg | \dashv | ┪ |
| | 5 | | 1 1 | 1 | | 1 1 | | | 55 | П | \Box | | 1 | | | | | 105 | | \top | \top | | | \neg | | \neg |
| | 6 | Ш | 11 | 1 | | 1 | | | 56 | H | \Box | \neg | | | | | | 106 | | \top | + | | | \neg | \dashv | |
| | 7 | | + | 1 | | | | | 57 | Ħ | | | | | 1-1- | | | 107 | \vdash | _ | 1 | | | \neg | \dashv | \neg |
| | 8 | | 11 | - | | | | | 58 | H | | \dashv | 1 | $\neg \vdash$ | 1 | | | 108 | \Box | 1 | 1 | | | \dashv | \dashv | ┪ |
| | 9 | | 11 | | | | | | 59 | Н | | 十 | \top | | | | | 109 | | \top | 1 | | | T | + | \neg |
| | 10 | | | | \dashv | | | | 60 | Н | | | | \neg | | | | 110 | | \top | \top | | П | \dashv | \dashv | ┪ |
| | 11 | | 11 | | | 1-1- | | | 61 | | | \dashv | + | | 111 | | | 111 | | + | + | \vdash | \Box | \dashv | 十 | ┪ |
| <u> </u> | 12 | - | ++ | \top | $\vdash\vdash$ | | | | 62 | H | \vdash | \dashv | + | \dashv | 1 | | | 112 | \vdash | + | +- | \vdash | Н | \dashv | + | \dashv |
| | 13 | | + | \top | | 1-1- | 1 | | 63 | П | H | _ | 1- | | 1-1- | | | 113 | \vdash | \top | \top | \vdash | | \dashv | \top | \dashv |
| | 14 | H | 1 | \top | | 1 | | | 64 | H | \vdash | _ | + | $\neg \vdash$ | | | | 114 | \vdash | + | _ | | | \dashv | + | \dashv |
| | 15 | $\sqcap \Vdash$ | + | \top | | 1 | 1:11 | | 65 | Н | H | 十 | \top | \dashv | | i inc | | 115 | \vdash | + | +- | Н | Н | \dashv | \dashv | \dashv |
| | 16 | - - | | | | | 1 | | 66 | П | | - | \top | _ | +++ | | | 116 | \vdash | 十 | + | <u> </u> | | \neg | + | \dashv |
| | 17 | | 11 | | | + | | | 67 | H | - | - | \pm | \neg | + + | | | 117 | - | + | +- | Н | - | - | 十 | ┪ |
| | 18 | - - | | + | | | 1 | | 68 | Н | | _ | + | \dashv | + | - | - | 118 | H | + | | - | | \dashv | + | ⊣ |
| | 19 | | + | + | | + | 1 | | 69 | H | - | | + | | + | - 10 | | 119 | \vdash | + | + | | | \dashv | + | \neg |
| | 20 | - - | + | 1- | | - - | | | 70 | H | \vdash | + | + | \dashv | - | | | 120 | \vdash | + | + | H | | \dashv | + | \dashv |
| - | 21 | | - | + | \vdash | 1 | | | 71 | H | \vdash | + | + | - | | - | - | 121 | | + | +- | \vdash | - | \dashv | + | \dashv |
| | 22 | | | 1- | | 1-1- | 1 | | 72 | H | \vdash | | + | | +-+ | - | | 122 | \vdash | + | + | - | Н | - | + | \dashv |
| | 23 | H | + | + | \vdash | ┪ | | | 73 | + | \vdash | \dashv | + | | + | - 100 | — | 123 | \vdash | + | + | - | | \dashv | + | \dashv |
| | 24 | | + | + | | + | | | 74 | H | \vdash | + | + | | + | - | | 124 | H | +- | | \vdash | - | \dashv | \dashv | \dashv |
| | 25 | | + | + | | ++ | | | 75 | ╁ | - | + | + | - | + | -11 | | 125 | H | + | +- | - | | \rightarrow | + | \dashv |
| | 26 | H | + | + | | ┼─┼─ | | | 76 | | ┝╌┼ | - | + | + | ++ | | | 126 | \vdash | + | + | Н | | \vdash | + | \dashv |
| | 27 | | ++ | + | | +- | | _ | 77 | $\vdash \vdash$ | | - | + | _ | + | - | | 127 | | + | +- | - | - | + | + | \dashv |
| | 28 | | ++ | + | | + | 1 | | 78 | Н | H | | - | | + | | | 128 | \vdash | + | +- | \vdash | - | \rightarrow | \dashv | \dashv |
| | 29 | | + | Hi | | + + | 1 | | 79 | H | \vdash | + | + | + | + + | - | | 129 | \vdash | + | +- | \vdash | - | \rightarrow | \dashv | - |
| | 30 | H + | +-+- | + | | ++- | | | 80 | Н | \vdash | | + | \dashv | | - | ļ.— | 130 | \vdash | + | + | \vdash | - | \dashv | \dashv | \dashv |
| | 31 | H | + | + | - | | | | 81 | H | \vdash | + | + | \dashv | ++- | - | _ | 131 | - | + | + | - | | \dashv | + | \dashv |
| | 32 | HH | | 1- | | + | | | 82 | Н | H | + | + | $-\vdash$ | + | - | | 132 | | +- | + | \vdash | | -+ | \dashv | \dashv |
| | 33 | | + | 1- | | + | 1 | | 83 | Н | - | + | + | \dashv | ++ | - | | 133 | \vdash | ┿ | ╁ | \vdash | \vdash | \dashv | \dashv | \dashv |
| | 34 | ++ | ++- | + | - | - | 1 | <u> </u> | 84 | H | - | + | + | - | + | | <u> </u> | 134 | \vdash | + | +- | \vdash | Н | + | + | \dashv |
| | 35 | ++- | +-+- | + | $\vdash \vdash$ | + + - | | | 85 | 7 | $\vdash \vdash$ | + | + | \dashv | | 4 | _ | 135 | | | + | \vdash | Н | \dashv | + | \dashv |
| - | 36 | H + | +- - | + | | + | | | 86 | H | \vdash | + | + | + | + + | | | 136 | \vdash | +- | + | \vdash | \vdash | + | + | \dashv |
| | 37 | ++- | ++ | + | \vdash | +- - | 1 | - | 87 | \vdash | \vdash | + | + | \dashv | +-+- | 110 | | 137 | $\vdash \vdash$ | + | + | \vdash | Н | \dashv | + | \dashv |
| - | 38 | H+ | + | + | $\vdash\vdash$ | | | <u> </u> | 88 | Н | \vdash | + | | + | | - | | 137 | \vdash | + | + | \vdash | Н | \dashv | \dashv | \dashv |
| | 39 | H + | | + | | + | ł | | 89 | \vdash | $\vdash \vdash$ | + | + | | | - | <u> </u> | 138 | | + | + | \vdash | Н | - | \dashv | \dashv |
| | 40 | H | ++ | + | | + + - | | | 90 | \vdash | \vdash | + | + | - | + | | | | | + | +- | \vdash | | \dashv | + | \dashv |
| | | + | | + | | ++- | 1 | | 91 | \vdash | \vdash | - | + | | | | | 140 | \vdash | + | + | \vdash | | \dashv | + | \dashv |
| | 42 | - | ++ | + | | - - | | <u> </u> | 92 | H | $\vdash \vdash$ | | + | + | | | | 141 | \vdash | + | +- | \vdash | $\vdash\dashv$ | | -+ | |
| | 43 | | ++ | + | $\vdash \vdash$ | + | | | 93 | \vdash | $\vdash \vdash$ | + | + | - | + | | | 142 | \vdash | + | + | \vdash | | -+ | \dashv | |
| | 43 | - | ++- | + | | + | | <u> </u> | 93 | \vdash | \dashv | | | - | + | | | 143 | - | + | + | \vdash | Н | - | \dashv | \dashv |
| | 45 | \vdash | | + | | + | | | | - | | | + | | | | <u> </u> | 144 | \vdash | + | + | _ | Ш | \dashv | 4 | 4 |
| | 46 | + | ++ | + | | | | | 95 96 | \vdash | $\vdash \vdash$ | + | + | | + | 1 | | 145 | \vdash | + | +- | \vdash | Щ | \dashv | \dashv | \dashv |
| - | 47 | $\vdash \vdash$ | ++ | + | | +- | 1 | ļ | 96 | \vdash | \dashv | - | - | | +-+ | | | 146 | - | +- | +- | \vdash | \vdash | - | \dashv | \dashv |
| - | 48 | \vdash | +-+ | +-+ | \vdash | | | | | Н | \vdash | | + | | + | 1000 | | 147 | ⊢ | + | +- | | Ш | \dashv | \dashv | \dashv |
| | 49 | 7 | +-+ | + | | +- | | | 98 | | \vdash | | + | - | | | | 148 | ├ | | - | $\vdash \vdash$ | \sqcup | \dashv | \dashv | \dashv |
| | 50 | - | + | 1- | | | | <u> </u> | 99 | Н | \vdash | | | | + | - | | 149 | \vdash | + | +- | Ы | | \dashv | 4 | _ |
| | J 20 | M L | _11 | . L | | 1 | | | 100 | | $L_{L}L$ | ŀ | | | | 400 | | 150 | 1 1 | | | | | | | - 1 |